

Results of the FY2024 Analysis of Radioactive Strontium

The analysis of radioactive strontium was conducted for locations where activity concentrations of radioactive cesium in sediments were relatively high.

As a result, activity concentrations of Sr-90 ranged from 0.40 to 5.5 Bq/kg(dry).

Location					Sampling Date	Sediment							
						General items(see above)			Activity concentration [Bq/kg(dry)]				
Radioactive cesium (see above)			Radioactive strontium										
Prefecture	Segment	No.	Water Area/Location		Sample length (cm)	Sediment content(%)	Property	Cs-134	Cs-137	Total	Sr-90		
Fukushima	River	25	Maeda River	Nakahama Bridge	2024/8/16	3	77.9	Sand/gravel	160	11,000	11,160	<0.27	
	Lakes and Reservoirs	130	Soso (farm pond)	Fugane Dam	2024/6/7	3	66.3	Sand/silt	190	13,000	13,190	1.6 ± 0.14	
					2024/12/11	3	66.3	Sand/gravel	130	11,000	11,130	1.5 ± 0.13	
		133	Yokokawa Dam Reservoir		2024/5/13	3	31.8	Silt/sand	180	16,000	16,180	4.7 ± 0.22	
		141	Ogaki Dam	2024/8/16	3	26.5	Silt	720	48,000	48,720	5.5 ± 0.24		
				2024/12/26	3	25.7	Silt	620	48,000	48,620	5.0 ± 0.23		
		147	Soso (farm pond)	Sawairi No. 1	2024/8/16	3	38.4	Silt	920	64,000	64,920	3.2 ± 0.27	
					2024/11/30	3	30.9	Silt	680	55,000	55,680	3.2 ± 0.29	
				148	Suzunai No. 4	2024/8/16	3	25.2	Silt	750	55,000	55,750	2.8 ± 0.26
	2024/11/15					4	20.0	Silt	890	66,000	66,890	2.7 ± 0.28	
Tochigi	Lakes and Reservoirs	63	Lake Chuzenji	Center	2024/11/25	3	11.3	Silt	12	1,100	1,112	0.93 ± 0.17	
Gunma	Lakes and Reservoirs	50	Lake Naramata (Naramata Dam)	Center	2024/5/30	3	28.9	Silt	20	1,300	1,320	1.4 ± 0.15	
					2024/11/27	3	19.5	Silt	38	1,400	1,438	0.84 ± 0.13	
		54	Lake Tanbara (Tanbara Dam)	Center	2024/8/22	3	40.7	Silt/sand	16	1,000	1,016	1.3 ± 0.15	
					2024/10/10	4	26.2	Silt	31	2,200	2,231	1.2 ± 0.14	
		57	Lake Akagionuma	Center	2024/5/30	3	12.2	Silt	31	1,700	1,731	1.3 ± 0.20	
					2024/11/29	3	13.2	Silt	27	1,700	1,727	1.5 ± 0.26	
		58	Lake Okushima (Shimagawa Dam)	Center	2024/5/22	3	36.5	Silt	29	1,600	1,629	<0.29	
		61	Lake Haruna	Center	2024/8/22	5	6.7	Silt	36	2,500	2,536	<0.73	
70	Lake Nozori (Nozori Dam)	Center	2024/6/28	4	27.8	Silt	23	1,100	1,123	0.47 ± 0.10			
Chiba	Lakes and Reservoirs	55	Lake Teganuma	Nedoshita	2024/6/26	8	31.7	Silt	20	1,100	1,120	0.42 ± 0.10	
					2024/12/25	10	28.5	Silt	16	1,200	1,216	0.40 ± 0.11	